Recombinant CC194 protein (His tag)

Catalog Number	551896
Species	Human
Expression System	E. coli
Accession	A0A1B0GVG4
Molecular Weight	Predictes a molecular mass of 18.06 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 21 kDa band.

Product Information

Sequence Region	43-194
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 43-194 aa (A0A1B0GVG4) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	This product is a high-quality recombinant protein fragment of human Coiled-coil domain-containing protein 194 (CCDC194), encompassing residues 43-194. This 152-amino acid fragment was computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies, antibody development, and functional characterization. Coiled-coil domain-containing protein 194 (CCDC194) is a human protein encoded by the CCDC194 gene. As a member of the coiled-coil domain-containing protein family, it is implicated in various cellular processes, though its precise molecular function and subcellular localization are areas of active research. The provided fragment represents a stable, soluble unit of the protein, specifically selected to facilitate experimental investigation into its structure and biochemical properties.